

RECOMMENDED INTERVALS BETWEEN CHILDHOOD VACCINE DOSES

Summary of ACIP/AAP Guidelines, Immunization Branch, California Dept. of Health Services, 12/7/00

VACCINE	Total No. of doses	RECOMMENDED INTERVALS BETWEEN DOSES
Hepatitis B (Hep B)	3 (2)	<ul style="list-style-type: none"> 2nd dose 1-2 mo after 1st. 3rd dose ≥ 2 mo after 2nd and ≥ 4 mo after 1st (Do not give before age 6 months.) <p>(For 11-15 yr-olds given adult [10 mcg/dose] Recombivax HB exclusively, schedule of 2 doses 4-6 mo apart is acceptable alternative.)</p>
Diphtheria, Tetanus, Pertussis (DTaP)	5	<ul style="list-style-type: none"> 2nd dose 1-2 mo after 1st. 3rd dose 1-2 mo after 2nd. 4th dose 6-12 mo after 3rd (Do not give before age 12 months). Age 4-6 yrs dose given ≥ 6 mo after 4th dose. Not needed if 4th dose given \geq 4th birthday. Td booster at age 11-16 years (≥ 5 years after last DTaP). If start series at age ≥ 7 years, use Td 3-dose series, with 2nd dose 1-2 mo after 1st and 3rd dose 6-12 mo after 2nd.
Haemophilus influenzae type b (Hib) ²	1-4	<ul style="list-style-type: none"> Number of doses needed depends on age series started:² <ul style="list-style-type: none"> 2-6 mo old: Total of 3-4 doses. 1st 3 doses 1-2 mo apart. 4th dose ≥ 2 mo after 3rd and at age ≥ 12 mo. (If PedvaxHIB® or Comvax® used, skip the 3rd dose.) 7-11 mo old: Total of 3 doses. 1st 2 doses 1-2 mo apart. 3rd dose ≥ 2 mo after 2nd and at age ≥ 12 mo. 12-14 mo old: Total of 2 doses. 2nd dose ≥ 2 mo after 1st. 15 mo-4 years old: 1 dose only. No Hib needed if ≥ 5 yrs old & immunocompetent.²
Polio (IPV)	4	<ul style="list-style-type: none"> 2nd dose 1-2 mo after 1st. 3rd dose 1-12 mo (preferably 6-12 mo) after 2nd. 4th dose ≥ 1 mo after 3rd. Not needed when all-IPV schedule used and 3rd dose given \geq 4th birthday.
Measles, Mumps, Rubella (MMR)	2	<ul style="list-style-type: none"> Do not give before 1st birthday. 2nd dose ≥ 1 mo after 1st dose.
Varicella (Var)	1-2	<ul style="list-style-type: none"> Do not give before 1st birthday. If start at age ≥ 13 years, 2nd dose needed 4-8 wks after 1st.
Pneumoc. conjugate (PCV7) ²	1-4	<ul style="list-style-type: none"> Number of doses needed depends on age series started:² <ul style="list-style-type: none"> 6 wk-6 mo: Total of 4 doses. 1st 3 doses 4-8 weeks apart. 4th dose at age 12-15 mo and $\geq 6-8$ wks after 3rd dose. 7-11 mo: Total of 3 doses. 1st 2 doses 4-8 wks apart. 3rd dose at age 12-15 mo and $\geq 6-8$ weeks after 2nd dose. 12-23 mo: Total of 2 doses, given 6-8 weeks apart. 24-59 mo: 1 dose only.²
Hepatitis A (Hep A)	2	<ul style="list-style-type: none"> Do not give before 2nd birthday. 2nd dose 6-12 mo after 1st.

Notes: 1. Delays between doses do not require re-starting series.

2. For Hib and pneumococcal vaccines (PCV7 and 23PS) consult ACIP and AAP recommendations on children with lapses between doses and on high-risk children.